MODIS TIMELINE ASSESSMENT TABLE (08/11/98)

I. Event Ref. #	After	3. Orbit # (a/b contact)	4. Name (Description)	5. Relationship	6. R/T Cmd	7. Stored Cmd	8. Stored cmd Approx. w/ RT telm Duration	10. Notes
		EVI	ENTS IN THE SCHE	DULE BELOW	MU	ST O	CCUR IN TH	E ORDER PRESENTED
MOD-00	0	10	Launch		T	T	T	MODIS Off. All doors closed and latched
MOD-10	0	3-4	OA-06 MODIS transition to Survival Mode	Must occur 4 - 6 hours AFTER launch	x 2 min		2 min.	Survival Mode all doors closed and latched FIRST NEED FOR: R/T Command capability, H/K Telemetry TIMING CONSTRAINTS: Minimum 4 hours after launch for outgassing to prevent arcing
	1	l .	ļ	.	1	ļ	1 1	Maximum 6 hours after launch for thermal reasons
MOD-20	7	7a	OA-06 MODIS transition to "on" state	Must occur at least 7 days AFTER launch	x 5 min		5 min.	on mode all doors closed and latched TIMING CONSTRAINTS: Allow sufficient time for contaminate dissipation and passive outgassing. Maximum time not defined, but must be done before SVD can be opened for initial outgassing.
MOD-30	7	7a	OA-06 MODIS transition to Standby Mode	Should occur immediately after MOD-20 is complete.	x 3 min		3 min.	Standby Mode all doors closed and latched TIMING CONSTRAINTS: "On" state is not a recognized mode. Placing MODIS in Standby Mode immediately after turn-on allows for standardized configuration
MOD-40-7		8a	OA-06 Unlatch MODIS Space View Door (SVD)		x 6 min.		6 min.	TIMING CONSTRAINTS: SVD must be unlatched before intial outgassing can begin. No Maximum time limit after Standby Mode transition.
MOD-50-A	7	8b	OA-06 Open Space View Door 5 degrees for Outgas	complete during the same orbit (next contact) the door was unlatched	x 3 min.		3 min.	Standby Mode; SVD open 5 degrees; NAD, SDD closed and latched DOOR MOVEMENT TIMING CONSTRAINTS: Immediately following SVD Unlatch activity allows for functional verification of SVD unlatch.
MOD-60	7	8Ь	OA-06 Initial Outgas (Macro 26)	Should occur during same contact as MOD- 50.	x 3 min		14 days	
MOD-70- <i>A</i>	A 21	7a	OA-01 Move Space View Door to Open Position	Must allow NO LESS than 10 days for active outgassing.	x 5 min		5 min	Standby Mode, SVD open, NAD, SDD closed and latched DOOR MOVEMENT TIMING CONSTRAINTS: Must follow initial outgassing by 10 days minimum to prevent contamination. Maximum time not defined.

1. Event	2. Day #	3. Orbit #	4	TC	12	17	To		
Ref. #	After	(a/b	Name	5. Relationship	6. R/T	Stored	8.	9.	10. Notes
	Launch	contact)	(Description)	Relationship	Cmd	Cmd	Stored cmd w/ RT telm	Approx.	
MOD-80-A	21	8a	OA-01 Go to Science Mode	Should occur soon after		CILL	W/ KT tellii	7 min	DEALN IA WAREL AAR SANGA
			(uses OA-2)	MOD-70 is complete	7 min.		1 1	/ min	BEGIN 13 WEEK A&E PERIOD
			,	lines to is complete	, man.				Verify: proper scan mirror operation, Science Mode, SVD open, NAD, SDD closed and latched and Outgas heaters disabled.
									FIRST NEED FOR: Science Data downlink, Lvl 0 and EDS
	l			1			1		I THOU THE FOR. Science Data downlink, LVI U and EDS
									TIMING CONSTRAINTS:
MOD-90	21								Must follow SVD Open activity to disable outgas heaters.
MOD-30	-1	8	OA-01 Begin transitioning to Day /Night formatter rate during each	Begin at first terminator		х			FIRST NEED FOR: Planning Aids, BAPs, stored commands
			orbit (uses OA-3, OA-4)	crossing following MOD-80	ł	1	1		•
			otoli (uses OA-3, OA-4)	MOD-80	l	l	1 1		TIMING CONSTRAINTS:
					1	1	1 1		Must follow Science Mode transition activity to prevent SSR
MOD-100	22	6	OA-01 Instrument Checkout		 	 	+		Data overflow.
			MFI-11 [Electronics		i		6 min	4 hours	Includes: Eng data packet, FPN, Ecals FIRST NEED FOR: Lyl B data
			Characterization]		ŀ		10		FIRST NEED FOR: LVI IB data
			•				}		TIMING CONSTRAINTS:
							1		No timing constraints once MODIS is in Science mode
MOD-110	22	9	OA-01 Instrument Checkout		x			33 min	Includes: 1 W spatial test: Watch 1st lamp turn-on
	Ì		[PC-17 Spectroradiometric		21 min				REQUIRES EXTENDED TORSS CONTACT
			Calibration Performance]						The contract
						ŀ	1		TIMING CONSTRAINTS:
MOD-120	22	10	OA-01 Instrument Check out				J		No timing constraints once MODIS is in Science mode
			MFI-09 [Blackbody Operation			ł	X	8 hours	Includes: Macro #3 and/or Macro #4 (OA-26)
			and DC Restore Functional			l	6 min		THE GOLD PERSON OF THE PROPERTY OF THE PROPERT
			Check]			l			THIS COMPLETES THE SBRS CHECKOUT
					1		1		TIMING CONSTRAINTS:
1405 444		_		<u></u>	l		1 1		No timing constraints once MODIS is in Science mode
MOD-125	23	2	OA-12 Table Load / Dump		х		1	12 min	OA-12 Load and dump software table to verify functionality
					12 min				REQUIRES EXTENDED TDRSS CONTACT
						ł			TIMING CONSTRAINTS:
MOD-130	23	4	OA-01: SDSM checkout					44	No timing constraints once MODIS is in Science mode
		Ť	ort or. Bission checkout		x 10 min		1 1	10 min	OA-15 with SDD closed. Functional verification of SDSM.
					10 11111	Į.	1		TIMING CONSTRAINTS:
							1 1		No timing constraints once MODIS is in Science mode
MOD-140	23	6	OA-03 Reflective Band Noise			х	 	50 min.	Day collection rate for 1 full orbit
			Verification			1	1 1	Jo man.	May require additional SSR capacity
						1			·
						1	1		TIMING CONSTRAINTS:
MOD-150	23	8	OA-19 SRCA Full Radiometric				L		No constraints once initial checkout (MOD 130) is complete.
		-	O DICA I dii RadioiliciAC			1		45 min	Watch lamp turn on
							20 min		REQUIRES EXTENDED TDRSS CONTACT
					l	l	F		TIMING CONSTRAINTS
					l				TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is
MOD 176					1] i		complete. Must wait 6 hours after previous SRCA activity.
MOD-160	24	11	OA-22 SRCA Full Spectral	Allow 4 hour cool-down		х		6 hr. 15	bompiote. This want o nours after previous SRCA activity.
				period following MOD-	l			min.	TIMING CONSTRAINTS:
				160	ì	i] [No timing constraints once initial checkout (MOD 100, 130) is
							<u> </u>		complete. Must wait 6 hours after previous SRCA activity.

1. Event	12. Day #	3. Orbit #	14	15.	16	T7	10		110 11
Ref. #	After	(a/b	Name	Relationship	6. R/T	7. Stored	8. Stored cmd	9.	10. Notes
l	Launch		(Description)	Relationship	Cmd	Cmd	w/ RT telm	Approx.	
MOD-170	25	7a	OA-23 SRCA Full Spatial	Allow 6 hour cool-down		CIII	W/ KT telli		
MOD-170		/"	OA-23 SRCA Puli Spatia	period after MOD-150			X 20 min	65 min	Watch lamp and IR source turn on REQUIRES EXTENDED TORSS CONTACT
į	i i								TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is
MOD-180	25	9	OA-14 Sector Rotation (stray		-		 	10!	complete. Must wait 6 hours after previous SRCA activity.
	26 - 28		light)			X		10 min	TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is complete.
	20 - 28			·					Allow 3 days for data analysis before beginning OA-09
	28								TIMING CONSTRAINTS: Ensure MOD140-180 is complete and successful before unlatching/opening SDD. No maximum time constraint.
MOD-190-	29	7a	OA-09 Unlatch Solar Diffuser	Must occur after SRCA,	 	ļ		<u> </u>	BEGIN A & E WEEK 2
A			Door	SDSM checkout verification	9 min.			9 min.	TIMING CONSTRAINTS: Ensure MOD140-180 is complete and successful before unlatching/opening SDD. Confidence in functionality of MODIS must be met. No maximum time constraint.
MOD-200-	29	7b	OA-09 Open/Close SDD Test	Should occur during the	x			16 min.	Verify SDD door operations before Yaw maneuver.
A				first contact after unlatching the solar diffuser door	16 min.				Must occur while S/C is in darkness DOOR MOVEMENT TIMING CONSTRAINTS: Immediately following SDD Unlatch activity allows for functional verification of SDD unlatch.
MOD-210	30	1	OA-09 SD Scattered Light		 	x		14 min	runctional verification of SDD unlatch.
	i		Mapping Part I (OA-16 SD/SDSM Screened)	į	ļ			14 min	TIMING CONSTRAINTS: Scattered light mapping should begin soon after MOD-200 before the SD begins to degrade
MOD-220	30	2-7	OA-09 SD Scattered Light			х		6 X	YAW MANUEVER during 6 Consecutive Orbits
			Mapping (yaw) Part 2			į		14 min	SDD Screened, NAD Closed, DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner,
	<u> </u>		<u></u>		Ĭ	l			before SD begins to degrade.
MOD-225	31	1-7	OA-09 SD Scattered Light Mapping (yaw) Part 3			х		7 X 14 min	YAW MANUEVER during 7 Consecutive Orbits SDD Screened, NAD Closed, DOOR MOVEMENT, EDS
					*				TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-230	32]1	OA-09 SD Scattered Light		1	х		14 min	DOOR MOVEMENT, EDS
			Mapping Part 4 (OA-15 SD/SDSM Open)						TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade

1. Event	2. Day #	3. Orbit #	14	13.	16	17	10		HA V
Ref. #	After	(a/b	Name	Relationship	6. R/T	7. Stored	8. Stored cmd	9.	10. Notes
1	Launch		(Description)	Keitationship	Cmd	Cmd	w/ RT telm	Duration	
MOD-240	32	2-7	OA-09 SD Scattered Light Mapping Part 5			x		6 X	YAW MANUEVER during 6 Consecutive Orbits SDD Open, NAD Closed DOOR MOVEMENT, EDS
VAN 0.12									TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-245	33	1-7	OA-09 SD Scattered Light Mapping Part 6			X		7 X 14 min	YAW MANUEVER during 7 Consecutive Orbits SDD Open, NAD Closed DOOR MOVEMENT, EDS TIMING CONSTRAINTS:
	1		!			1			Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-250- A	34	la	OA-09 Unlatch Nadir Door	Unlatch and open NAD in same R/T contact	x 10 min.			10 min.	TIMING CONSTRAINTS: NAD must be unlatched and opened between parts 6 and 7 of
MOD-260- A	34	la	OA-09 Open Nadir Door	Unlatch and open NAD in same R/T contact	x 4 min.			4 min	the scattered light mapping sequence Science Mode, all doors open DOOR MOVEMENT
									TIMING CONSTRAINTS: NAD should be opened immediately after unlatching to allow for functional verification.
MOD-270			OA-09 SD Scattered Light Mapping Part 7 (OA-16 SD/SDSM Screened)			X		14 min	DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-280	34	2-7	OA-09 SD Scattered Light Mapping Part 8			х		6 X 14 min	YAW MANUEVER during 6 Consecutive Orbits SDD Screened, NAD Open, DOOR MOVEMENT, EDS
MOD-285	25	1-7							TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-263	33	1-7	OA-09 SD Scattered Light Mapping Part 8			×		7 X 14 min	BEGIN A & E WEEK 3 YAW MANUEVER during 7 Consecutive Orbits SDD Screened, NAD Open, DOOR MOVEMENT, EDS
MOD-290	35		0.00 50 5						TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-230	33	8	OA-09 SD Scattered Light Mapping Part 9 (OA-16 SD/SDSM Screened)			X		14 min	DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner
L	<u> </u>		<u> </u>	<u></u>	<u> </u>		<u></u>	L	before SD begins to degrade

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UNLESS NOTED, EVENTS IN THE SCHEDULE BELOW MAY OCCUR OUT OF THE ORDER PRESENTED

MOD-310	136	OA-15 SD/SDSM Open		Tx T	114 X	ISD too time and a - 40 colors
		OA-16 SD/SDSM Screened	1	^	14 A 14 min	ISD: continuous cycle of 2 orbits screened, 1 orbit open
MOD-320	36	OA-22 SRCA Full Spectral		— x	6 hr. 15	EUS
	1		1	1	min.	
MOD-330	36	OA-19 SRCA Full Radiometric	Run SDSM before and	- _x -	44 min	
	ii_		after	1	``	
	36	OA-20 SRCA 10W Radiometric		x	50 min	
	36	OA-21 SRCA IW Radiometric		x	99 min.	
MOD-360	36	OA-03 Reflective Band Noise		x	50 min.	Day collection rate for 1 full orbit
	<u>ll</u>	Verification	<u>. </u>	1 1	1	The same is a same of the same
MOD-370	36	OA-27 PV Electronic Calibration		х	3 X 2	Do 3 times
				1	min	
MOD-380	36	OA-28 PC Electronic Calibration		х	3 X 2	Do 3 times
1400 400	122		<u> </u>	111	min	<u>i </u>
MOD-390	37	OA-15 SD/SDSM Open	l	х	14 X	SD: continuous cycle of 2 orbits screened, 1 orbit open
MOD-400	37	OA-16 SD/SDSM Screened			14 min	IEDS
	37	OA-23 SRCA Full Spatial OA-19 SRCA Full Radiometric		x	65 min	Day Side
MOD-410	131	OA-19 SRCA Full Radiometric	Run SDSM before and	x	44 min	
MOD-420	37	OA-20 SRCA 10W Radiometric	after			
	37	OA-21 SRCA 1W Radiometric	 	X	50 min	
MOD-440	37	OA-14 Sector Rotation (stray	 	X	99 min.	
1102 110	P' 1	light)]	x	10 min	
MOD-450	37	OA-27 PV Electronic Calibration			3 X 2	Do 3 times
	1	Sit 2: 1: Biodionic Canbianon]	1^ 1	l min	Do 3 times
MOD-460	37	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 times
	1_ 1]	1^ 1	min	DO 3 times
MOD-470	38	OA-15 SD/SDSM Open		x	14 X	SD: continuous cycle of 2 orbits screened, 1 orbit open
	1	OA-16 SD/SDSM Screened]	1 1	l 14 min	EDS
MOD-480	38	OA-22 SRCA Full Spectral		x	6 hr. 15	
	 				min.	
MOD-490	38	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
MOD-500	120	104 20 CD CA 1011 D 11	after			
MOD-510		OA-20 SRCA 10W Radiometric		X	50 min	
MOD-510	38	OA-21 SRCA 1W Radiometric OA-27 PV Electronic Calibration	<u> </u>	X	99 min.	
MOD-320	[36]	UA-27 PV Electronic Calibration	[(×)	3 X 2	Do 3 times
MOD-530	38	OA-28 PC Electronic Calibration			min	
WOD-330	[30]	OA-26 PC Electronic Canoration	[[x	3 X 2	Do 3 times
MOD-540	39	OA-15 SD/SDSM Open			min	
		OA-16 SD/SDSM Screened	[x	14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-550	39	OA-23 SRCA Full Spatial		- x		Nicht Side
MQD-560	39	OA-19 SRCA Full Radiometric	Run SDSM before and	$\frac{x}{x}$	65 min 44 min	Night Side
	[[- Transferre	after	^	44 min	Do SD/SDSM before and after
MOD-570	39	OA-20 SRCA 10W Radiometric	-	x	50 min	
MOD-580	39	OA-21 SRCA IW Radiometric	 	- 	99 min.	
MOD-590	39	OA-27 PV Electronic Calibration		- x - -	3 X 2	Do 3 times

MOD-600	39	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 times
MOD-610	40	OA-15 SD/SDSM Open		- x	14 X	SD: continuous cycle 2 orbits screened, 1 open
	1 1	OA-16 SD/SDSM Screened		1" 1	14 min	i open
MOD-620	40	OA-22 SRCA Full Spectral		X	6 hr. 15	
	11				min.	
MOD-630	40	OA-19 SRCA Full Radiometric	Run SDSM before and after	х	44 min	
MOD-640	40	OA-20 SRCA 10W Radiometric		x	50 min	
MOD-650	40	OA-21 SRCA 1W Radiometric		x	99 min.	
MOD-660	40	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 times
	1				min	
MOD-670	40	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 times
	L J.				min	
MOD-680	41	OA-15 SD/SDSM Open		х	14 X	SD: continuous cycle 2 orbits screened, 1 open
	<u> </u>	OA-16 SD/SDSM Screened			14 min	l same of the same
	41	OA-23 SRCA Full Spatial		х	65 min	Day Side
MOD-700	41	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
	<u> </u>		after	1 1		
	41	OA-20 SRCA 10W Radiometric		х	50 min	
	41	OA-21 SRCA 1W Radiometric		X	99 min.	
MOD-730	41	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 times
					min	
MOD-740	41	OA-28 PC Electronic Calibration		Х	3 X 2	Do 3 times
	1		<u></u>		min_	
MOD-750	42	OA-15 SD/SDSM Open		x	14 X	BEGIN A&E WEEK 4
1400 070	 _ _ _ _ _ _ _ _ _ _	OA-16 SD/SDSM Screened			14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-760	42	OA-22 SRCA Full Spectral		x	6 hr. 15	
MOD-770	 				min.	<u> </u>
		OA-19 SRCA Full Radiometric	Run SDSM before and after	x	44 min	
MOD-780		OA-20 SRCA 10W Radiometric		x	50 min	
	42	OA-21 SRCA 1W Radiometric		x	99 min.	
MOD-800	42	OA-27 PV Electronic Calibration		X	3 X 2	Do 3 times
	<u> </u>				min	
MOD-810	42	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 times
1406 040	 				min	\$
MOD-820	43	OA-15 SD/SDSM Open		Х	14 X	SD: continuous cycle 2 orbits screened, 1 open
1400 020	1,3	OA-16 SD/SDSM Screened			14 min	<u>1 </u>
MOD-830	43	OA-23 SRCA Full Spatial		X	65 min	Night Side
MOD-840	43	OA-19 SRCA Full Radiometric	Run SDSM before and after	x	44 min	
	43	OA-20 SRCA 10W Radiometric		х	50 min	
	43	OA-21 SRCA 1W Radiometric		x	99 min.	
MOD-870	43	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 times
T				[]	min	
MOD-880	43	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 times
1406 000	 				min	
MOD-890	44	OA-15 SD/SDSM Open		х	14 X	SD: continuous cycle 2 orbits screened, 1 open
1400 000	 	OA-16 SD/SDSM Screened			14 min	
MOD-900	44	OA-22 SRCA Full Spectral		х	6 hr. 15	
MOD-910	44	0.0000.848			min.	
MOD-A10	44	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
	1		after		1	ſ

MOD-920	144	OA-20 SRCA 10W Radiometric	1	15	150-	
MOD-930		OA-21 SRCA IW Radiometric	 	X	50 m	
MOD-940	177	OA-27 PV Electronic Calibration	<u> </u>	x	99 m	
MOD-740		OA-27 FV Electronic Cambration	[X	3 X	Do 3 times
MOD-950	44	OA-28 PC Electronic Calibration		x	3 X	2 Do 3 times
	1.		ļ <u></u>	"	min	. Do 3 tines
MOD-960	45	OA-15 SD/SDSM Open		x	14 X	SD: continuous cycle 2 orbits screened, 1 open
	<u> </u>	OA-16 SD/SDSM Screened	ļ .		14 m	in
MOD-970		OA-23 SRCA Full Spatial		x	65 m	in Day Side
MOD-980	1	OA-19 SRCA Full Radiometric	Run SDSM before and after	х	44 m	
MOD-990	45	OA-20 SRCA 10W Radiometric		х	50 m	in
MOD-1000		OA-21 SRCA 1W Radiometric		x	99 11	
MOD-1010	45	OA-27 PV Electronic Calibration		x	3 X	
İ				^	min	2 DO 5 times
MOD-1020	45	OA-28 PC Electronic Calibration		X	3 X	2 Do 3 times
		į	!	l"	min	200 S times
MOD-1025	46	OA-22 SRCA Full Spectral		x	6 hr.	15
			ļ .	l"	min.	"
MOD-1030	46	OA-15 SD/SDSM Open		х	3 X	
İ	1 1	OA-16 SD/SDSM Screened		l î	14 п	in SD: continuous cycle 2 orbits screened, 1 open
MOD-1035	46	OA-20 SRCA 10W Radiometric		x	50 m	
MOD-1040	46	OA-19 SRCA Full Radiometric	Run SDSM before and	x	44 m	
	 		after			···]
MOD-1043	46	OA-27 PV Electronic Calibration		х	3 X	Do 3 times
105					min	
MOD-1045	46	OA-28 PC Electronic Calibration		х	3 X	2 Do 3 times
1.00	 				min	<u> </u>
MOD-1047		OA-21 SRCA 1W Radiometric		x	99 m	in.
MOD-1050	47	OA-15 SD/SDSM Open OA-16 SD/SDSM Screened		х	3 X	SD: continuous cycle 2 orbits screened, 1 open
MOD-1055	17	OA-10 SD/SDSM Screened OA-19 SRCA Full Radiometric	00011		14 m	
l	1		Run SDSM before and after	X	44 m	in
MOD-1060	47	OA-23 SRCA Full Spatial		х	65 m	in Night Side
MOD-1063		OA-20 SRCA 10W Radiometric		x	50 m	
MOD-1063	47	OA-27 PV Electronic Calibration		х	3 X	
			J .		min	
MOD-1067	47	OA-28 PC Electronic Calibration		х	3 X	2 Do 3 times
	 				min	
MOD-1070		OA-21 SRCA 1W Radiometric		х	99 m	in.
MOD-1075	48	OA-22 SRCA Full Spectral		X	6 hr.	
1.05	 		L	1	min.	
MOD-1080	48	OA-15 SD/SDSM Open		х	3 X	SD: continuous cycle 2 orbits screened, 1 open
100 1005	 	OA-16 SD/SDSM Screened			14 m	in
MOD-1085		OA-20 SRCA 10W Radiometric		Х	50 m	
MOD-1090	48	OA-19 SRCA Full Radiometric	Run SDSM before and after	х	44 m	in
MOD-1093	48	OA-27 PV Electronic Calibration		x	3 X	2 Do 3 times
1		Cantilation	(Min 3 A	Do 3 times
MOD-1095	48	OA-28 PC Electronic Calibration			3 X	2 Do 3 times
	1		, ,	X .	Min S X	L Do 3 umes
MOD-1097	148	OA-21 SRCA 1W Radiometric		x	99 m	
MOD-1100		OA-26 OBC BB On/Off				
	<u> </u>	1020 000 00 00000	L	X	4 ho	ITS

MOD-1110	49	OA-15 SD/SDSM Open		- IV - I	12.0	
		OA-16 SD/SDSM Screened		х	3 X	BEGIN A&E WEEK 5
MOD-1120	49	OA-23 SRCA Full Spatial			14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1130		OA-15 SD/SDSM Open		х	65 min	Day Side
		OA-16 SD/SDSM Screened		x	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1140	50	OA-19 SRCA Full Radiometric	Run SDSM before and		14 min	
		OA-1) SKCA Full Radiofficting	after	х	44 min	
MOD-1150	50	OA-08 Lunar Calibration	8/12/98 - ABOUT			
	(TBD)	(via SVP)	00:13:07 (start time of		15 min	Moon in MODIS SVP
	(,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lunar view)			
MOD-1160	51	OA-15 SD/SDSM Open	Idiai View)			
	l''	OA-16 SD/SDSM Screened		x	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1170	51	OA-23 SRCA Full Spatial			14 min	
MOD-1180		OA-21 SRCA I W Radiometric		X	65 min	Night Side
MOD-1190		OA-15 SD/SDSM Open		X	99 min.	
MOD-1170	12	OA-16 SD/SDSM Open OA-16 SD/SDSM Screened		х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1200	52	OA-19 SRCA Full Radiometric	 		14 min	
MOD-1200	1,72	UA-19 SKCA Full Radiometric	Run SDSM before and	х	44 min	
MOD-1210	10	OA-15 SD/SDSM Open	after			
MOD-1210	33	OA-15 SD/SDSM Open		х	3 X	
MOD-1220	62	OA-16 SD/SDSM Screened			14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1220		OA-23 SRCA Full Spatial		X	65 min	Day Side
MOD-1230	34	OA-15 SD/SDSM Open		Х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD 1340	-	OA-16 SD/SDSM Screened			14 min	orono o maio no sercenco, oront 14 open
MOD-1240	34	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
1405 1010			after			
MOD-1250	55	OA-15 SD/SDSM Open		x	3 X	SD: orbits 5 and 10 screened, orbit 14 open
1466 1476		OA-16 SD/SDSM Screened	1		14 min	BB. Office 5 and 10 screened, office 14 open
MOD-1260		OA-23 SRCA Full Spatial		x	65 min	Night Side
MOD-1270		OA-21 SRCA 1W Radiometric		x	99 min.	Tright Side
MOD-1280	56	OA-15 SD/SDSM Open		x	3 X	BEGIN A&E WEEK 6
		OA-16 SD/SDSM Screened	<u> </u>	^	14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1290	56	OA-19 SRCA Full Radiometric	Run SDSM before and	x	44 min	3D. Orbits 3 and 10 screened, orbit 14 open
			after		177 11111	
MOD-1300	57	OA-15 SD/SDSM Open		x	3 X	
		OA-16 SD/SDSM Screened		"	14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1320	58	OA-15 SD/SDSM Open	1	x	3 X	
		OA-16 SD/SDSM Screened	1	^	14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1330	58	OA-19 SRCA Full Radiometric	Run SDSM before and	x	44 min	
			after	^	44 111111	
MOD-1340	59	OA-15 SD/SDSM Open		x	3 X	
	L L	OA-16 SD/SDSM Screened	1	^	14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1360		OA-21 SRCA 1W Radiometric	 	x	99 min.	
MOD-1365	60	OA-19 SRCA Full Radiometric	Run SDSM before and			
			after	х	44 min	-
MOD-1370	60	OA-15 SD/SDSM Open				
	! !	OA-16 SD/SDSM Screened	1	х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1380	60	OA-20 SRCA 10W Radiometric			14 min	
MOD-1390		OA-15 SD/SDSM Open	 	х	50 min	
		OA-16 SD/SDSM Screened	1	х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1400	61	OA-21 SRCA 1W Radiometric			14 min	<u> </u>
MOD-1410		OA-11 Field Campaign	10-1-1-2005	X	99 min.	
MOD-1420		IOA-11 Ficial Campaign	Schedule TBD		TBD	May cancel OBC activities
		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened		Х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
		OV-10 SOUSDOM Screened	i I	1 1	14 min	, transfer open

MOD-1430 62		Run SDSM before and after	x	44 min	T T T T T T T T T T T T T T T T T T T
MOD-1440 63	OA-15 SD/SDSM Open	arter	- 		NAME OF THE PARTY
	OA-16 SD/SDSM Screened		x	3 X 14 min	BEGIN A&E WEEK 7
MOD-1443 63	OA-27 PV Electronic Calibration		- _x -	3 X 2	SD: orbits 5 and 10 screened, orbit 14 open
	On 27 . V Electronic Campianon	1	^	min 2	Do 3 Times
MOD-1445 63	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 Times
1 1			^	min	DO 3 Times
MOD-1450 63	OA-22 SRCA Full Spectral		- 1x	6 hr. 15	
			^	min.	Į.
MOD-1453 64	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 Times
11			^	min	DO 3 Times
MOD-1455 64	OA-28 PC Electronic Calibration		- tx	3 X 2	Do 3 Times
1		1]^]	min	DO 3 Times
MOD-1460 64	OA-15 SD/SDSM Open		- Ix	3 X	SD: orbits 5 and 10 screened, orbit 14 open
	OA-16 SD/SDSM Screened		^	14 min	SD. orbits 3 and 10 screened, orbit 14 open
MOD-1470 65	OA-15 SD/SDSM Open		- Ix	3 X	SD: orbits 5 and 10 screened, orbit 14 open
	OA-16 SD/SDSM Screened		^	14 min	SD. orbits 3 and 10 screened, orbit 14 open
MOD-1473 65	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 Times
		1	^	min	DO 3 Times
MOD-1475 65	OA-28 PC Electronic Calibration			3 X 2	Do 3 Times
I I			^	min	DO 3 Times
MOD-1480 65	OA-21 SRCA IW Radiometric		x	99 min.	<u> </u>
MOD-1483 66	OA-27 PV Electronic Calibration		X	3 X 2	Do 3 Times
			^	min	DO 3 THES
MOD-1485 66	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 Times
	1	1	1 1	min	DO 3 times
MOD-1490 66	OA-15 SD/SDSM Open		x	3 X	SD: orbits 5 and 10 screened, orbit 14 open
	OA-16 SD/SDSM Screened	1	l"	14 min	SD. orbits 5 and 10 screened, orbit 14 open
MOD-1500 67	OA-15 SD/SDSM Open		x	3 X	
	OA-16 SD/SDSM Screened	1	"	14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1510 67	OA-20 SRCA 10W Radiometric		x	50 min	22 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
MOD-1520 67	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 Times
		İ	1"	min	Do 3 Times
MOD-1530 67	OA-28 PC Electronic Calibration		x	3 X 2	Do 3 Times
		l l		min	Jos i initia
MOD-1540 68	OA-15 SD/SDSM Open OA-16 SD/SDSM Screened		x	3 X	SD: orbits 5 and 10 screened, orbit 14 open
	OA-16 SD/SDSM Screened		-	14 min	Jab. Grons 5 and 16 screened, 610R 14 open
MOD-1550 68	OA-21 SRCA IW Radiometric		х	99 min.	
MOD-1560 68	OA-27 PV Electronic Calibration		x	3 X 2	Do 3 Times
				min	
MOD-1570 68	OA-28 PC Electronic Calibration		х	3 X 2	Do 3 Times
1100 100 10			1 1	min	
MOD-1580 69	OA-15 SD/SDSM Open		х	3 X	SD: orbits 5 and 10 screened, orbit 14 open
MOD IZOO ZO	OA-16 SD/SDSM Screened		_	14 min	
MOD-1590 69		Run SDSM before and after	х	44 min	
MOD-1600 69	OA-27 PV Electronic Calibration		- x	3 X 2	Do 3 Times
		1]^	min 2	DO 2 LINES
MOD-1610 69	OA-28 PC Electronic Calibration		- 1x	3 X 2	Do 3 Times
		1]^]	min 2	LOO 3 THINES
MOD-1620 70	OA-15 SD/SDSM Open			3 X	BEGIN A&E WEEK 8
	OA-16 SD/SDSM Screened	ļ	^	14 min	IDEUIN ARE WEEK 8
				14 11111	SD: orbits 5 and 10 screened, orbit 14 open

MOD-1630 70	OA-22 SRCA Full Spectral	1	l x	1 6 hr. 15	
		l i	l^	min.	i
1OD-1660 71	OA-15 SD/SDSM Open		x	3 X	
	· ·	1	l"	14 min	İ
MOD-1670 71	OA-10 Response vs Scan Angle	Occurs approx 40 days		42 min	thermal algorithm must be good
	(deep space)	after Science Data rept.	1		mgorian musico good
MOD-1700 72	OA-16 SD/SDSM Screened		х	3 X	
100 1010 00				14 min	1
MOD-1710 72	OA-21 SRCA 1W Radiometric		X	99 min.	
MOD-1740 73	OA-16 SD/SDSM Screened		х	3 X	
100 1360 33				14 min	
MOD-1750 73 MOD-1780 74	OA-26 OBC BB On/Off		X	4 hours	
	OA-15 SD/SDSM Open		Х	14 min	
MOD-1790 74	OA-20 SRCA 10W Radiometric		х	50 min	
MOD-1800 75	OA-16 SD/SDSM Screened		х	14 min	
MOD-1810 75	OA-21 SRCA 1W Radiometric		X	99 min.	
MOD-1820 75	OA-18 SDSM Operations	SAA characterization	х	15 min	
MOD-1830 76	OA-16 SD/SDSM Screened		х	14 min	
MOD-1840 76	OA-19 SRCA Full Radiometric	Run SDSM before and	Х	44 min	
100 100		after			
MOD-1850 77	OA-15 SD/SDSM Open		х	14 min	BEGIN A&E WEEK 9
MOD-1860 77	OA-22 SRCA Full Spectral		х	6 hr. 15	
100 100 100				min.	
MOD-1870 78	OA-16 SD/SDSM Screened		X	14 min	
MOD-1880 78	OA-03 Reflective Band Noise		Х	3 X 50	Day collection rate for 3 full, non-consecutive orbits
MOD-1890 79	Verification			min.	
MOD-1890 79 MOD-1900 79	OA-16 SD/SDSM Screened		Х	14 min	
	OA-21 SRCA 1W Radiometric		Х	99 min.	
MOD-1910 80	OA-15 SD/SDSM Open		X	14 min	
MOD-1920 80 (TBD)	OA-08 Lunar Calibration (via SVP)	9/10/98 - ABOUT 06:30:21 (start time of lunar view)		15 min	Moon in MODIS SVP
MOD-1930 81	OA-16 SD/SDSM Screened		х	14 min	
MOD-1940 81	OA-20 SRCA 10W Radiometric		X	50 min	
MOD-1950 82	OA-16 SD/SDSM Screened		x	14 min	
MOD-1960 82	OA-21 SRCA 1W Radiometric	 	- 	99 min.	
MOD-1970 83	OA-15 SD/SDSM Open	† -	x	14 min	
MOD-1980 83	OA-19 SRCA Full Radiometric	Run SDSM before and	- Îx	44 min	
		after	1"		1
MOD-1990 84	OA-16 SD/SDSM Screened		X	14 min	BEGIN A&E WEEK 10
MOD-2000 84	OA-22 SRCA Full Spectral		- i	6 hr. 15	DECENTRAL WEEK TO
(0) 40.0		<u> </u>	1"	min.	
MOD-2010 85	OA-16 SD/SDSM Screened		х	14 min	
MOD-2020 86	OA-15 SD/SDSM Open		x	14 min	
MOD-2030 86	OA-21 SRCA 1W Radiometric		x	99 min.	
AOD-2040 87	OA-16 SD/SDSM Screened		x x	14 min	
MOD-2050 88	OA-16 SD/SDSM Screened		X X	14 min	
MOD-2060 88	OA-20 SRCA 10W Radiometric	1	- (î	50 min	
MOD-2070 89	OA-15 SD/SDSM Open	 	- Îx	14 min	
MOD-2080 89	10A-21 SRCA 1W Radiometric	 	- ^	99 min.	
MOD-2090 89	OA-17 Sector Shift to MODIS	 	- 	5 min	
	Corner	1	^	3 mm	
MOD-2100 90	OA-16 SD/SDSM Screened				i e

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MOD-2110 90	M I	IOA-19 SRCA Full Radiometric	I Run SDSM before and	x	44 min	
1	~	OA 17 SKEA I un Kadionichie	after	^	44 11111	
MOD-2120 9	DI .	OA-16 SD/SDSM Screened		x	14 min	BEGIN A&E WEEK 11
MOD-2130 91	01	OA-22 SRCA Full Spectral		x	6 hr. 15	
					min.	
MOD-2140 92		OA-15 SD/SDSM Open		х	14 min	
MOD-2150 93)2	OA-26 OBC BB On/Off		x	4 hours	
MOD-2160 93)3	OA-16 SD/SDSM Screened		Х	14 min	
MOD-2170 93		OA-21 SRCA IW Radiometric		x	99 min.	
MOD-2180 94		OA-16 SD/SDSM Screened		х	14 min	
MOD-2190 9:		OA-15 SD/SDSM Open		х	14 min	
MOD-2200 9:		OA-20 SRCA 10W Radiometric		x	50 min	
MOD-2210 96	96	OA-16 SD/SDSM Screened		х	14 min	
MOD-2220 96	6	OA-21 SRCA 1W Radiometric		х	99 min.	
MOD-2230 97	07	OA-16 SD/SDSM Screened		х	14 min	
MOD-2240 9	97	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
			after			
MOD-2250 98	98	OA-15 SD/SDSM Open		х	14 min	
MOD-2260 98	98	OA-22 SRCA Full Spectral		х	6 hr. 15	
1405 4440					min.	
MOD-2270 9	⁹⁸	OA-03 Reflective Band Noise	1	х	3 X 50	Day collection rate for 3 full, non-consecutive orbits
MOD-2280 9	20	Verification			min.	
MOD-2280 9		OA-16 SD/SDSM Screened		x	14 min	BEGIN A&E WEEK 12
MOD-2300 10		OA-16 SD/SDSM Screened		х	14 min	
MOD-2300 10 MOD-2310 10		OA-21 SRCA 1W Radiometric	 	х	99 min.	
MOD-2310 10 MOD-2320 10	101	OA-15 SD/SDSM Open OA-16 SD/SDSM Screened		х	14 min	
MOD-2320 11		OA-23 SRCA Full Spatial		х	14 min	
MOD-2340 10		OA-20 SRCA 10W Radiometric		x	65 min	Day Side
MOD-2350 10		OA-19 SRCA Full Radiometric	D. CDC) 41 C	х	50 min	
			Run SDSM before and after	х	44 min	
MOD-2360 1	103	OA-16 SD/SDSM Screened		x	14 min	
MOD-2370 1	103	OA-21 SRCA 1W Radiometric		х	99 min.	
MOD-2380 I	103	OA-14 Sector Rotation (stray		х	10 min	
MOD 3300 II		light)	 			
MOD-2390 1		OA-15 SD/SDSM Open		X	14 min	
MOD-2400 1		OA-23 SRCA Full Spatial	L	x	65 min	Night Side
MOD-2410 I	1	OA-19 SRCA Full Radiometric	Run SDSM before and after	х	44 min	
MOD-2420 1	104	OA-17 Sector Shift to MODIS Corner		х	5 min	
MOD-2430 1	105	OA-16 SD/SDSM Screened	 			
MOD-2440 I		OA-10 SD/SDSM Screened OA-22 SRCA Full Spectral	 	X X	14 min 6 hr. 15	
	. "	ON-22 SKCA I un Specual	1	*	min.	
MOD-2450 1	106	OA-16 SD/SDSM Screened	 	x	14 min	BEGIN A&E WEEK 13
MOD-2460 1		OA-23 SRCA Full Spatial	 	- -	65 min	Day Side
MOD-2463 1		OA-27 PV Electronic Calibration	 	- x	3 X 2	Do 3 Times
				^	min 3 A 2	7 111162
MOD-2465 I	106	OA-28 PC Electronic Calibration	 	- x	3 X 2	Do 3 Times
	Į		Į Į	Į^	min ²	200 111103
	106	OA-19 SRCA Full Radiometric	Run SDSM before and	х	44 min	
MOD-2470 I			after	ļ."		

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TAB ATA	···					
MOD-2483	.107	OA-27 PV Electronic Calibration	, 	x		Do 3 Times
					min	
MOD-2485	107	OA-28 PC Electronic Calibration	·	х	3 X 2	Do 3 Times
			4		min	1
MOD-2490		OA-21 SRCA 1W Radiometric		x	99 min.	
MOD-2500		OA-16 SD/SDSM Screened		х	14 min	
MOD-2503	108	OA-27 PV Electronic Calibration		x		Do 3 Times
	<i>i</i>	,	1	"	min	DO 3 Times
MOD-2505	108	OA-28 PC Electronic Calibration		x		Do 3 Times
,	4 T	,	1	\"\	min	DO 3 Times
MOD-2510	108	OA-23 SRCA Full Spatial		- x -		Night Side
MOD-2520			Run SDSM before and	- 	44 min	INIght stuc
100 2022	100		after	^	4-4 111111	1
MOD-2530	TING	OA-16 SD/SDSM Screened	alter	- 	l4 min	+
MOD-2540	107	OA-20 SRCA 10W Radiometric		- X - -		
MOD-2540 MOD-2550					50 min	
10D-5330 1	ן איזי	OA-27 PV Electronic Calibration	(X	3 X 2	Do 3 Times
1022 226					min	
MOD-2560	,109	OA-28 PC Electronic Calibration	1	x		Do 3 Times
لييي		'	<u> </u>		min	
MOD-2570		OA-15 SD/SDSM Open		х	14 min	
MOD-2580	1	OA-23 SRCA Full Spatial		х	65 min	Day Side
MOD-2590	110		Run SDSM before and	х	44 min	
	·		after	1 _1		1
MOD-2600		OA-21 SRCA 1W Radiometric		х	99 min.	
MOD-2610	1110	OA-27 PV Electronic Calibration		x		Do 3 Times
,	<i>i</i>	,	1	1"]	min	DO 3 TIMES
MOD-2620	1110	OA-28 PC Electronic Calibration		- x		Do 3 Times
,,	,```	,	1	l^	min	DO 3 TIMES
MOD-2630	m 	OA-16 SD/SDSM Screened		- x	14 min	
MOD-2640	~~	OA-27 PV Electronic Calibration				Do 3 Times
100-2010	4 ¹¹¹	OA-21 I V Electionic Canoration ;	1	х	min 3 X 2	Do 3 times
MOD-2650	-	OA-28 PC Electronic Calibration				+ X (B)
10D-2030 j	<i>i</i> '''	UA-28 FC Electronic Canoration ;	1	х		Do 3 Times
MOD-2660	1113	OA-16 SD/SDSM Screened			min	
				Х	14 min	<u> </u>
MOD-2670		OA-23 SRCA Full Spatial		х		Night Side
MOD-2680	1112		Run SDSM before and	х	44 min	
······································			after			
MOD-2690	1112		10/9/98 - 14:22:58 (start		15 min	Moon in MODIS SVP
, , , , , , , , , , , , , , , , , , , ,			time lunar view)			<u> </u>
MOD-2700	1112	OA-27 PV Electronic Calibration		х	3 X 2	Do 3 Times
	1		1	_LL	min	
MOD-270	1112	OA-28 PC Electronic Calibration		х		Do 3 Times
'	1		1		min	
MOD-2720		OA-15 SD/SDSM Open		x	14 min	
MOD-2730		OA-22 SRCA Full Spectral		x	16 hr. 15	
1	1 1	,	1	1^ 1	min.	1
MOD-2740	(113	OA-27 PV Electronic Calibration		- x		BEGIN A&E WEEK 14
100 2,	1'''	OA-27 I V Dicentonie Canolinion ,	1	[* [min	Do 3 Times
MOD-2750	1110	OA-28 PC Electronic Calibration				
1100-2150	1110	OA-26 FC Electionic Canoration ,	1	х	3 X 2	Do 3 Times
MOD-260	t	1/ 1/ CD/CDCM Camanad			min	
		OA-16 SD/SDSM Screened	4	Х	14 min	
MOD-2770	1114		Run SDSM before and	x	44 min	
~~~ <del>***</del> /	4		after			
MOD-2780	1114	OA-21 SRCA 1W Radiometric		X	99 min.	

MOD-2790 114	OA-27 PV Electronic Calibration	1	х	3 X 2	Do 3 Times
MOD-2800   114	OA-28 PC Electronic Calibration		х	3 X 2 min	Do 3 Times
MOD-2810 1115	OA-16 SD/SDSM Screened		_ X	14 min	
MOD-2820 115	OA-27 PV Electronic Calibration	L	x	3 X 2 min	Do 3 Times
MOD-2830 115	OA-28 PC Electronic Calibration		X	3 X 2	Do 3 Times
MOD-2840 (TBD)	OA-11 Field Campaign - 1	May cancel OBC activities		TBD	
MOD-2850 116	Last chance to add something				END A&E

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## Notes:

- 1. "Event Reference #" is a unique number identifying this activation event.

  A number ending with the character "A" indicates a critical activation event requiring IOT presence in the EOC as well as a Command Authorization Meeting (CAM).
- 2. "# of Days After Launch" is the elapsed time of the mission. Some events may carry over to the next day.
- 3. Orbit # specifies the desired orbit of the day (1-14). When specifying between two contacts in the same orbit, "a" or "b" is used (assumes two contacts per orbit).
- 4. "Name" provides a description of the event.
- 5. "Relationship" indicates any relationship this event has with other events.
- 6. "R/T Cmd" indicates those activation events which will be executed using the realtime command capability.
- 7. "Stored Cmd" indicates those activation events which will be executed through stored commands.
- 8. "Stored cmds w/RT telm" indicates those activation events which will be executed through stored commands, but which must also occur simultaneously with realtime command/telemetry capability.
- 9. "Approx Dur of Event" indicates the approximate length of time to complete this event.
- 10. "Notes" indicates additional information pertinent to this activation event, including addition details on timing constraints.